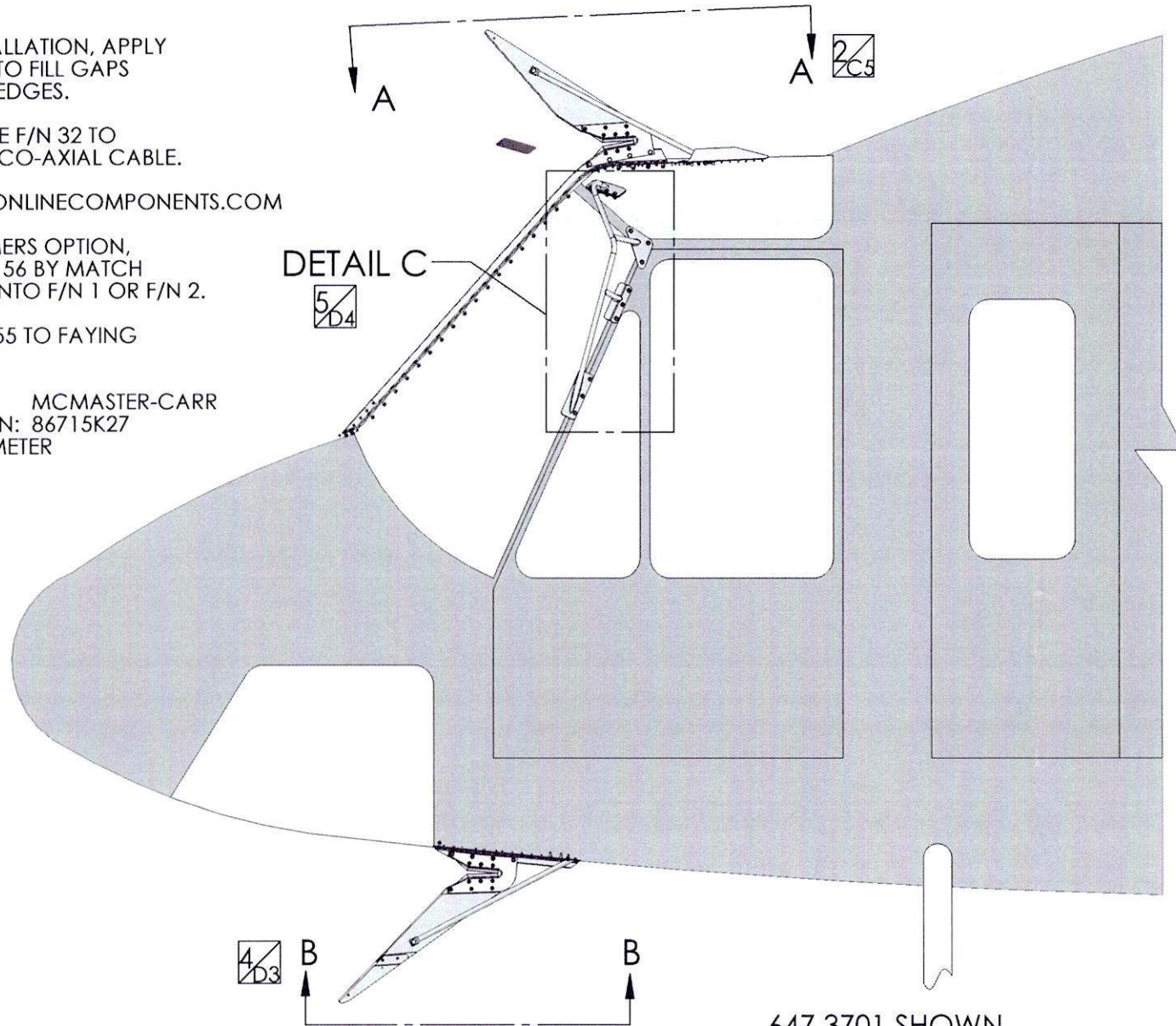


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NOTES:

- 1 AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.
- 2 IF REQD, USE F/N 32 TO CONNECT CO-AXIAL CABLE.
- 3 VENDOR : ONLINECOMPONENTS.COM
- 4 AT CUSTOMERS OPTION, INSTALL F/N 56 BY MATCH DRILLING ONTO F/N 1 OR F/N 2.
- 5 APPLY F/N 55 TO FAYING SURFACES.
- 6 VENDOR : MCMASTER-CARR  
VENDOR P/N: 86715K27  
60A DUROMETER



REF	REF	REF	56	647.5701			
A/R	A/R	A/R	A/R	55	601.2045	RTV	LOCITE 598
A/R	A/R	A/R	A/R	54	601.1012	SEALANT	PR-1425 CLASS B
2	2	2	2	53	601.3083	ADHESIVE RUBBER SEAL	MIL-R-3065
4	4	4	4	52	601.2957	NUTPLATE	MS21071L3
4	4	4	4	51	600.0795	NUTPLATE	MS21047-3
6	6	6	6	50	601.3066	NUTPLATE	MS21047L08
6	6	6		49	601.3065		MS21047L06
18	18	18	18	48	601.2973	LOCKNUT	MS21042-08
79	79	79	79	47	601.2943	LOCKNUT	MS21042-3
4	4	4	4	46	601.2364	CHERRY RIVET	CR3213-4-8
28	28	42	42	45	601.1183	CHERRY RIVET	CR3213-4-5
16	16	19	19	44	601.1915	CHERRY RIVET	CR3213-4-4
24	24	32	32	43	601.0790	CHERRY RIVET	CR3213-4-3
.3704	.3703	.3702	.3701	FIND #	PART #	DESCRIPTION	MAT'L SPEC.

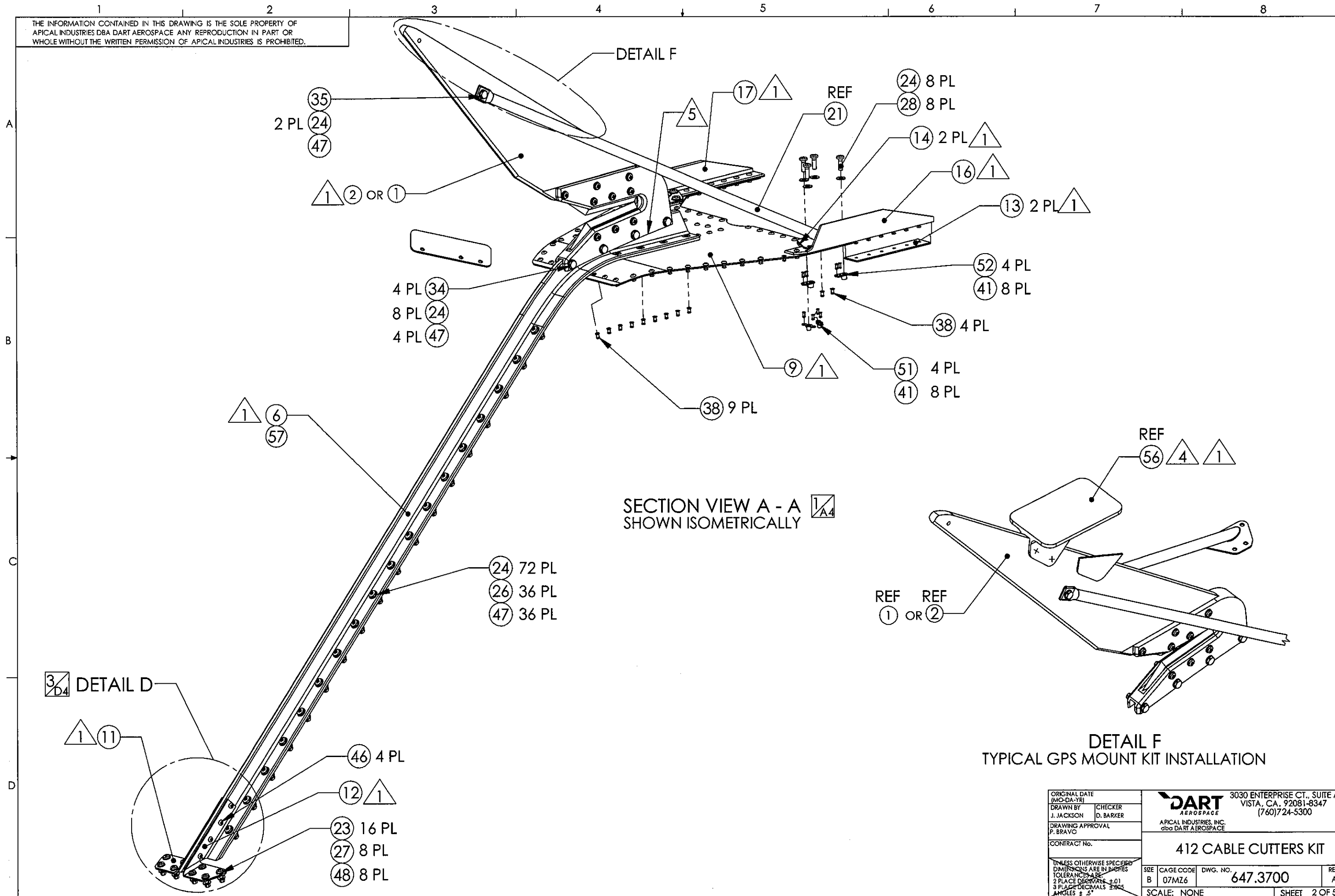
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR1		N/C
N/C	INITIAL RELEASE	09-29-09	P. BRAVO
A	INCORPORATED ECN 02728, 04881, 04845, & 05903	12-15-17	P. BRAVO

039	CHERRY RIVET	CR3213-4-2	
070	NUTPLATE RIVET	CCR264SS-3-03	
091	NUTPLATE RIVET	CCR264SS-3-04	
066	CHERRY RIVET	CR3212-4-4	
065	CHERRY RIVET	CR3212-4-3	
064	CHERRY RIVET	CR3212-4-2	
	DELETED		
074	BOLT	AN3C10A	
026	BOLT	AN3-11A	
023	BOLT	AN3-4A	
073		082-4440	<div>3</div> <div>2</div>
019	SCREW	MS24694C53	
070	SCREW	MS24694-549	
093	SCREW	MS27039-0811	
069	SCREW	MS27039-1-09	
063	SCREW	MS27039-0808	
065	SCREW	MS27039-1-10	
098	SCREW	MS27039-1-07	
007	WASHER	NAS1149F0332P	
074	WASHER	NAS1149FN832P	
013	RH UPPER STRUT		
012	LH UPPER STRUT		
010	LH LOWER STRUT		
011	RH LOWER STRUT		
012			
011	BRACKET RH		
010	BRACKET LH		
016	SHIM		
015	SHIM		
014	SHIM		
013	CLIP		
012	CLIP		
011	DOUBLER		
010	DOUBLER		
011	WIPER DEFLECTOR LH		
010	WIPER DEFLECTOR RH		
093	DEFLECTOR ASSEMBLY		
010	RAIL		
004	LOWER CUTTER ASSY HIGH		
003	LOWER CUTTER ASSY LOW		
002	212 UPPER CUTTER ASSY		
001	412 UPPER CUTTER ASSY		
004	204, 205, 212, 214 CABLE CUTTERS KIT HIGH		
003	204, 205, 212, 214 CABLE CUTTERS KIT LOW		
002	412 CABLE CUTTERS KIT HIGH		
001	412 CABLE CUTTERS KIT LOW		
#	DESCRIPTION	MAT'L	SPEC.

PARTS LIST			
ORIGINAL DATE (MO-DA-YR) 09-29-09		<div><div><div><div></div><div>DART</div><div>AEROSPACE</div></div><div>APICAL INDUSTRIES, INC. dba DART AEROSPACE</div></div><div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081-8347 (760)724-5300</div></div>	
DRAWN BY JACKSON	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 09-29-09			
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		412 CABLE CUTTERS KIT	
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.3700	REV. A
SCALE NONE		SHEET	1 OF 5

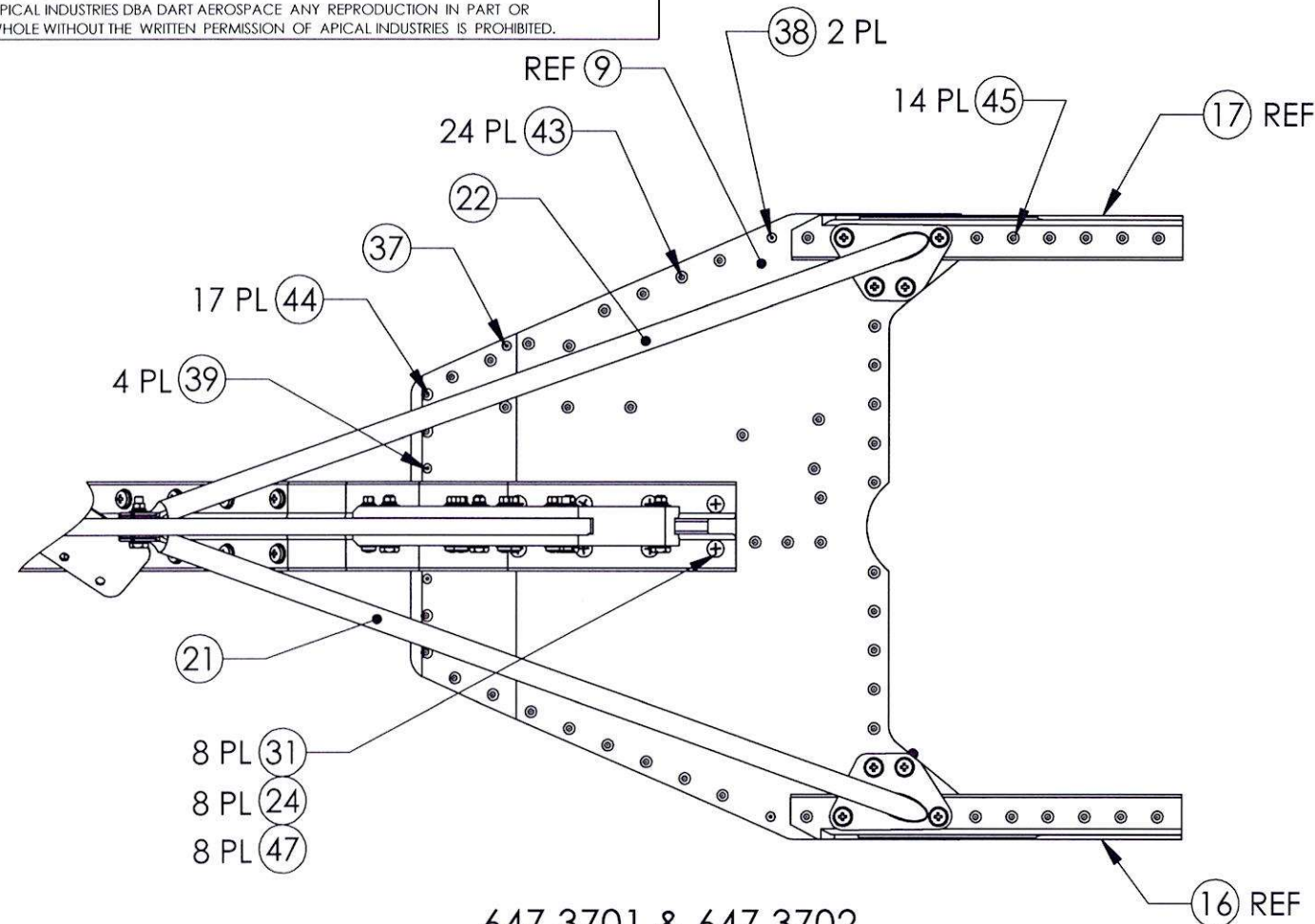


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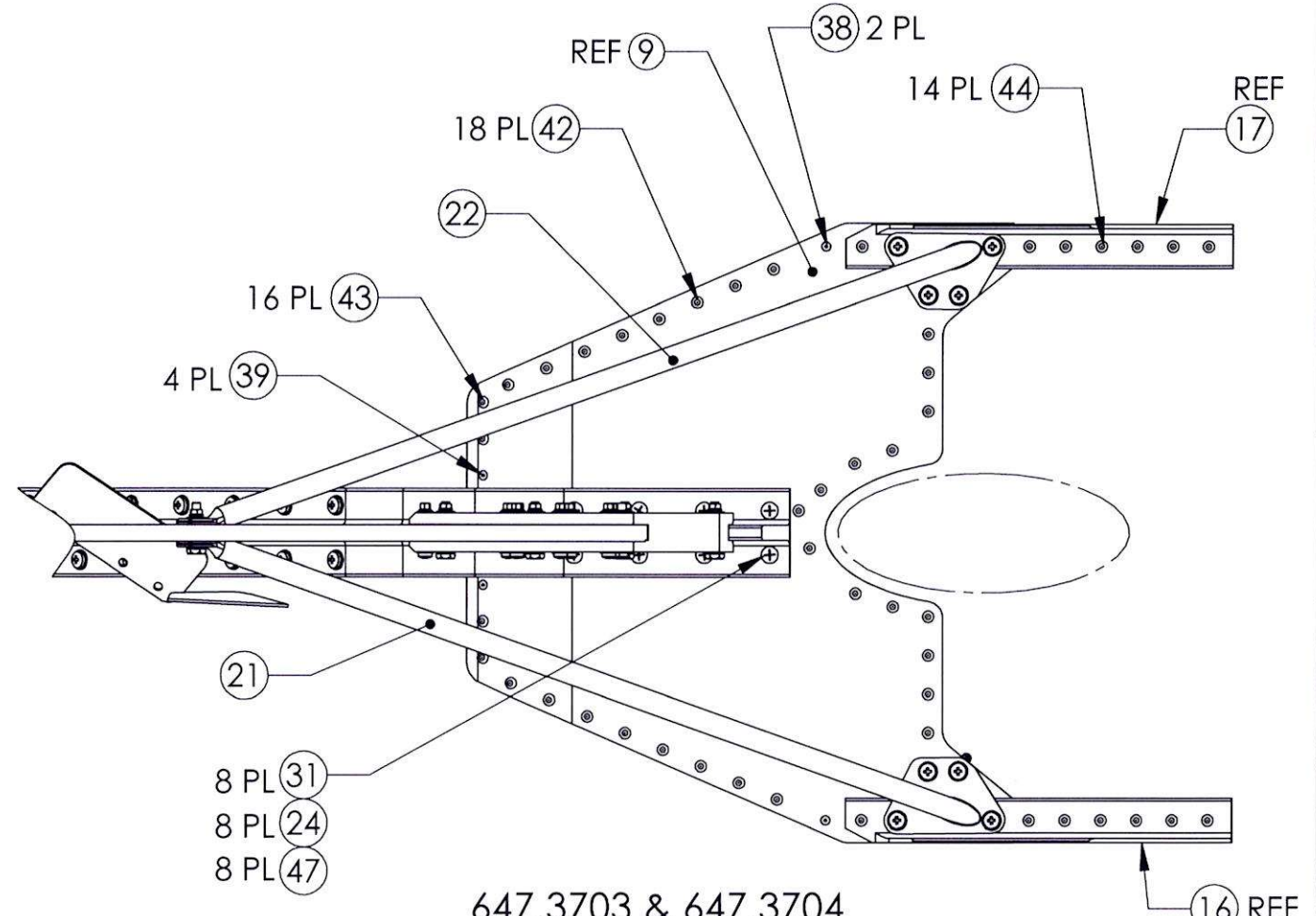


ORIGINAL DATE (MM-DD-YY)		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081-8347 (760)724-5300	
DRAWN BY J. JACKSON	CHECKER D. BARKER	<b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWING APPROVAL P. BRAVO			
CONTRACT No.		412 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. A
		CAGE CODE 07MZ6	DWG. NO. 647.3700
		SCALE: NONE	SHEET 2 OF 5

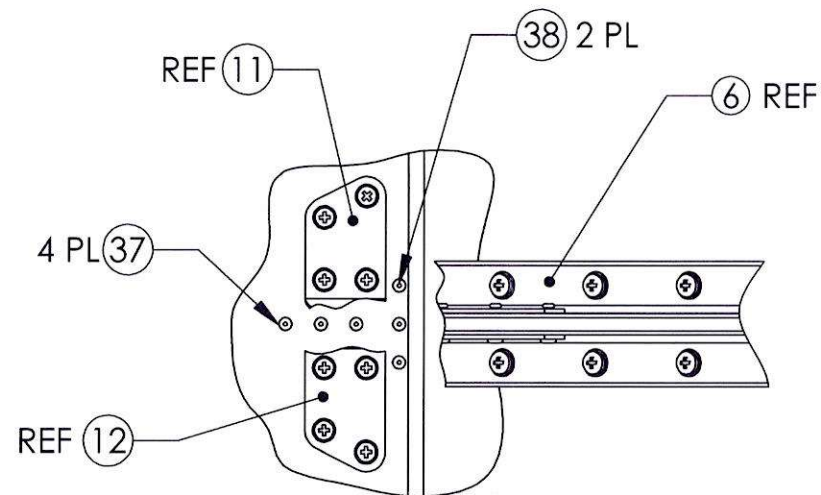
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647.3701 & 647.3702  
UPPER CUTTER ASSEMBLY  
TOP VIEW



647.3703 & 647.3704  
UPPER CUTTER ASSEMBLY  
TOP VIEW



DETAIL D  
TOP VIEW  
BROKEN OUT FOR CLARITY

ORIGINAL DATE (MO-DA-YR)		DRAWN BY J. JACKSON		CHECKER D. BARKER	
DRAWING APPROVAL P. BRAVO		CONTRACT No.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	
2 PLACE DECIMALS ±.03		3 PLACE DECIMALS ±.010		ANGLES ±.5°	
SIZE B		CAGE CODE 07MZ6		DWG. NO. 647.3700	
SCALE NONE		SHEET 3 OF 5		REV. A	

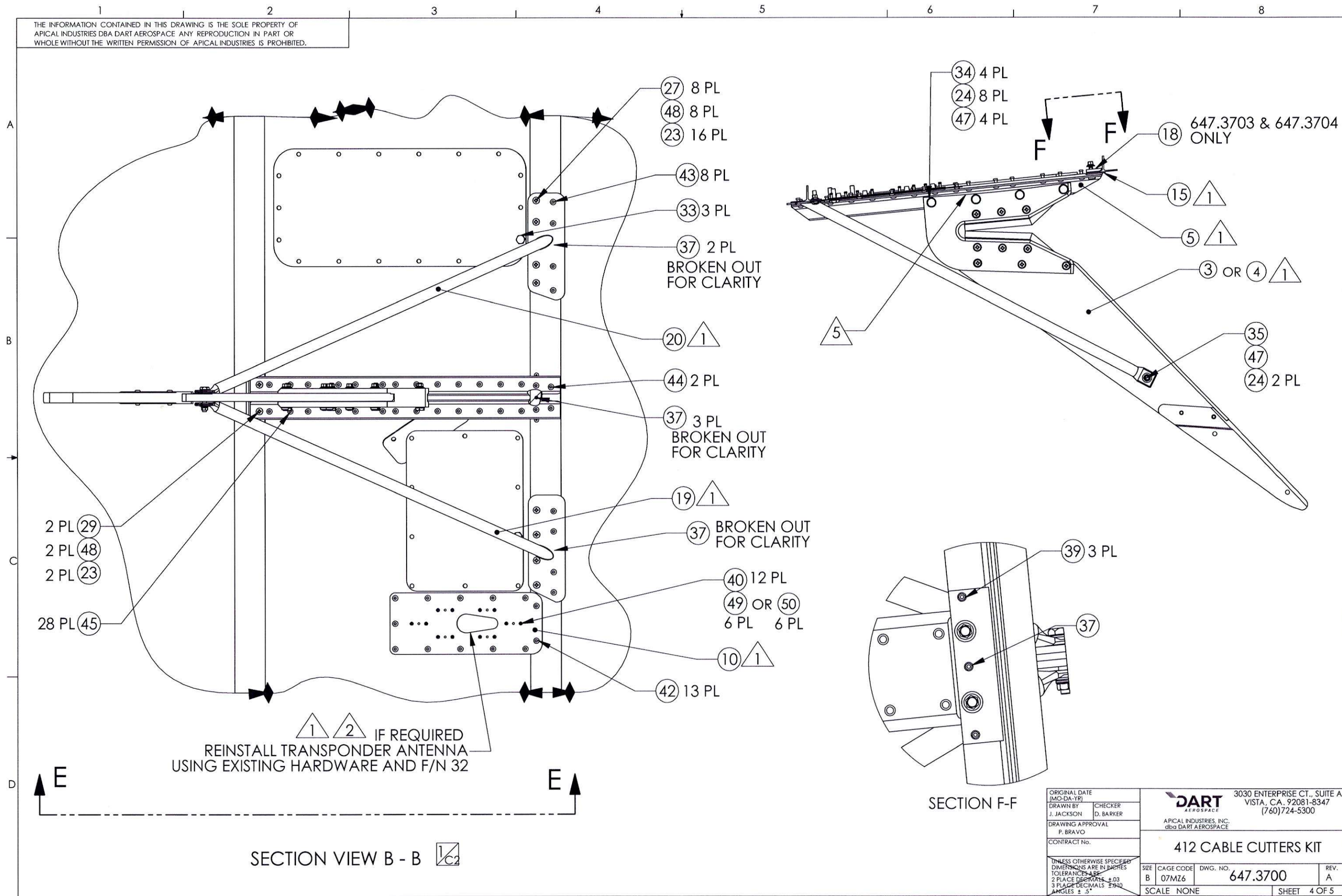
**DART** AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE


3030 ENTERPRISE CT., SUITE A  
VISTA, CA. 92081-8347  
(760)724-5300

**412 CABLE CUTTERS KIT**



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ORIGINAL DATE (MO-DA-YR)		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081-8347 (760)724-5300			
DRAWN BY J. JACKSON	CHECKER D. BARKER				
DRAWING APPROVAL P. BRAVO					
CONTRACT No.		APICAL INDUSTRIES, INC. dba DART AEROSPACE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		412 CABLE CUTTERS KIT			
		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.3700	REV. A
		SCALE NONE		SHEET 4 OF 5	

1 2 3 4 5 6 7 8

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A

BROKEN OUT FOR CLARITY  
RH SIDE ONLY

(30)  
(24)  
(47)

(28) 3 PL  
(24) 6 PL  
(47) 3 PL

(53) TRIM TO FIT

(26) 3 PL  
(24) 6 PL  
(47) 3 PL

B

(1) LH (8)  
OR  
(1) RH (7)

(25) 6 PL  
(24) 12 PL  
(47) 6 PL

C

DETAIL C   
LH SHOWN, RH OPPOSITE  
2 PL

ORIGINAL DATE (MO-DA-YR)		CHECKER D. BARKER		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081-8347 (760)724-5300	
DRAWN BY J. JACKSON		DRAWING APPROVAL P. BRAVO		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		412 CABLE CUTTERS KIT			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.3700	REV. A
SCALE NONE		SHEET 5 OF 5			